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APPLICATION NO. FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. FILING DATE 10/045,084 01/15/2002 Takaya Sato 0171-0811P-SP 2914 EXAMINER 2292 06/10/2004 BIRCH STEWART KOLASCH & BIRCH LE, HOA VAN PO BOX 747 PAPER NUMBER ART UNIT FALLS CHURCH, VA 22040-0747 1752

DATE MAILED: 06/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED S. ES DEPARTMENT OF COMMERCE Patent and Trademark Office

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APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.

10/045,084

01/15/2002

EXAMINER					
HOA	VAN	F			
ART UNIT	PAPE	PAPER NUMBER			
1752	06	108/04			

	1752	06/08/04
	DATE MAILED:	
INTERVIEW SUMMARY		•
All participants (applicant, applicant's representative, PTO personnel):	~	
(1) Garth M Dahlen (3)		
(2) HOA VAN LE (4)		
Date of Interview 08 June 2004		
Type: ☐ Telephonic ☑ Personal (copy is given to ☐ applicant ☑ applicant's represen	tative).	
Exhibit shown or demonstration conducted: Yes \square No If yes, brief description:	Figure 1	
Agreement ☐ was reached. ※ was not reached.		
Claim(s) discussed: All		
Direct Too see	and	
Identification of prior art discussed: Mer and on acceptance	0101	
Description of the general nature of what was agreed to if an agreement was reached, or any sets of claims (1) muterial claims and	(2) million	1 claims.
A restriction between them is requested.	Pls. Penia po	M Gul
the claimed process of making is dy	ferent from	the appli
prior art. A showing should be provid	ed since the	ie product
(A fuller description, if necessary, and a copy of the amendments, if available, which the examust be attached. Also, where no copy of the amendments which would render the claims a attached.) 1. It is not necessary for applicant to provide a Jeseparate record of the substance of the in	lowable is available; a sum Carmo	he claims allowable nary thereof must be
Unless the paragraph above has been checked to indicate to the contrary. A FORMAL WRIT	TEN RESPONSE TO THE	LAST OFFICE ACTIO
IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPI action has are ready been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVISUBSTANCE OF THE INTERVIEW.	EP Section 713.04). It a resp	conse to the last Unic
2. Since the Examlner's interview summary above (including any attachments) reflects a rejections and requirements that may be present in the last Office action, and since the is considered to fulfill the response requirements of the last Office action. Applicant is the interview unless box 1 above is also checked.	e claims are now allowable, not relieved from providing	this completed form a separate record of
Examiner Note: You must sign this form unless it is an attachment to another form.		van le Examiner
FORM PTOL-413 (REV.1-96)	-110.	IAI

Manual of Patent Examining Procedure, Section 713.04 Substance of Interview must be Made of Record

A complete written statement as to the substance of any face-to-face or telephone interview with regard to an application must be made of record in the application, whether or not an agreement with the examiner was reached at the interview.

§1.133 Interviews

- (b) In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for response to Office action as specified in §§ 1.111.1.135. So U.S.C.1329.
- § 12. Business to be transacted in writing, All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete a two-sheet carbon interleaf Interview Summary Form for each interview held after January 1, 1978 where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks in neath andwritten form using a ball point pen. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 912.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures

The Interview Summary Form shall be given an appropriate paper number, placed in the right hand portion of the file, and listed on the "Contents" list on the tile wrapper. The docket and serial register cards need not be updated to reflect interviews. In a personal interview, the duplicate copy of the Form is removed and given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephonic interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the telephonic interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Serial Number of the application
- -Name of applicant
- -Name of examiner
- -Date of interview
- Type of interview (personal or telephonic)
- -Name of participant(s)) (applicant, attorney or agent, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- -An identification of the claims discussed
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and it so, a description of the general nature of the agreement (may be by attachment of a copy
 of amendments or claims agreed as being allowable). (Agreements as to atlowability are tentative and do not restrict further action by the examiner to the
 contrary.)
- The signature of the examiner who conducted the interview
- Names of other Patent and Trademark Office personnel present.

The Form also contains a statement reminding the applicant of his responsibility to record the substance of the Interview.

It is desireable that the examiner orally remind the applicant of his obligation to record the substance of the interview in each case unless both applicant and examiner agree that the examiner will record same. Where the examiner agrees to record the substance of the interview, or when it is adequately recorded on the Form or in an attachment to the Form, the examiner should check a box at the bottom of the Form informing the applicant that he need not supplement the Form by submitting a separate record of the substance of the interview.

It should be noted, however, that the Interview Summary Form with not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview:

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of specific prior art discussed,
- an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary
 Form completed by the examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner. The identification of arguments need not be lengthy or elaborate. A verbation or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he feels were or might be persuasive to the examiner,
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Stimmary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete or accurate, the examiner will give the applicant one month from the date of the notifying letter or the remainder of any period for response, whichever is longer, to complete the response and thereby avoid abandonment of the application (37 CFR 1.135(c)).

Examiner to Check for Accuracy

Applicant's summary of what took place at the interview should be carefully checked to determine the accuracy of any argument or statement attributed to the examiner during the interview. If there is an inaccuracy and it bears directly on the question of patentativity, it should be pointed out in the next Office letter. If the claims are allowabilit idicity there reasons of record, the examiner should send a letter setting forth his or her version of the statement attributed to him. If the record is complete and accurate, the examiner should place the indication "Interview record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.